

Title (en)
Straight cup impactor

Title (de)
Gerades Einsetzinstrument für Gelenkpfannen

Title (fr)
Impacteur droit de cupules articulaires

Publication
EP 2561835 A1 20130227 (EN)

Application
EP 12181803 A 20120824

Priority
US 201161527684 P 20110826

Abstract (en)
An orthopedic impactor device (50) for positioning an orthopedic prosthetic cup implant (56) during a hip replacement surgery is described. The impactor is designed with a "one piece" elongated body, having a distal prosthetic cup engagement portion (66) which is separated from a proximal strike plate (58) by an elongated body (60) and handle (62) portions. A connection rod (64), connectable to an orthopedic prosthetic cup, is positioned longitudinally within the through-bores of the body and handle portions. A lever arm (104), having a linkage member, is pivotally connected to the rod such that when the lever arm is pivoted towards the exterior surface of the annular sidewall of the handle portion, the distal end of the rod moves proximally within the body portion.

IPC 8 full level
A61F 2/46 (2006.01)

CPC (source: EP US)
A61B 17/56 (2013.01 - US); **A61F 2/4609** (2013.01 - EP US); **A61F 2002/30471** (2013.01 - EP US); **A61F 2002/30522** (2013.01 - EP US); **A61F 2002/4627** (2013.01 - EP US); **A61F 2002/4629** (2013.01 - EP US); **A61F 2002/4681** (2013.01 - EP US)

Citation (applicant)
• US 69452410 A 20100127
• US 201113219767 A 20110829

Citation (search report)
• [XY] US 6626913 B1 20030930 - MCKINNON BRIAN W [US], et al
• [X] FR 2900328 A1 20071102 - PRECIMED SA SA SUISSE [CH]
• [Y] EP 2345392 A1 20110720 - GREATBATCH MEDICAL SA [CH]
• [A] US 5364403 A 19941115 - PETERSEN THOMAS D [US], et al
• [A] US 2007156155 A1 20070705 - PARKER BRAD A [US]

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FR3125698A1; EP3111897A1; US10226294B2; WO2023006913A2; WO2023006913A3

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 2561835 A1 20130227; **EP 2561835 B1 20160316**; US 2013226186 A1 20130829; US 8870886 B2 20141028

DOCDB simple family (application)
EP 12181803 A 20120824; US 201213594922 A 20120827